

Title (en)
STRUCTURE HAVING EDGE REINFORCEMENT ON PROFILED RAIL

Title (de)
BAUKÖRPER MIT RANDBEWEHRUNG AN PROFILSCHIENE

Title (fr)
CORPS DE CONSTRUCTION À RENFORT DE BORD SUR RAIL PROFILÉ

Publication
EP 3662115 A1 20200610 (DE)

Application
EP 18740881 A 20180725

Priority
• EP 17184149 A 20170801
• EP 2018070160 W 20180725

Abstract (en)
[origin: CA3069911A1] The invention relates to a structure, comprising: a concrete body having a first surface and having a second surface arranged at an angle to the first surface; a profiled rail embedded in the concrete body, the profiled rail having a rail body having a rail slot extending in the direction of the longitudinal axis of the profiled rail, and the profiled rail emerging on the first surface of the concrete body; and a reinforcing body, which emerges on the second surface of the concrete body and which overlaps with the rail body, as observed in the direction of the longitudinal axis of the profiled rail, at least in some regions. The invention further relates to a profiled rail assembly for such a structure.

IPC 8 full level
E04B 1/41 (2006.01); **E04C 5/00** (2006.01); **E04G 11/00** (2006.01)

CPC (source: EP US)
E04B 1/4107 (2013.01 - EP US); **E04C 5/01** (2013.01 - US); **E04B 2001/4192** (2013.01 - EP US); **E04C 5/00** (2013.01 - EP); **E04G 11/00** (2013.01 - EP)

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 3438362 A1 20190206; AU 2018310564 A1 20191219; CA 3069911 A1 20190207; CN 110945192 A 20200331; CN 110945192 B 20211008; EP 3662115 A1 20200610; US 11118345 B2 20210914; US 11885117 B2 20240130; US 2020232206 A1 20200723; US 2021404175 A1 20211230; WO 2019025254 A1 20190207

DOCDB simple family (application)
EP 17184149 A 20170801; AU 2018310564 A 20180725; CA 3069911 A 20180725; CN 201880049107 A 20180725; EP 18740881 A 20180725; EP 2018070160 W 20180725; US 201816631128 A 20180725; US 202117391079 A 20210802